CHARGE NUMBER: 5001

PROJECT TITLE: PACKAGING STUDIES

PROJECT LEADER: H. R. DUNAWAY

PERIOD COVERED: NOVEMBER, 1985

Objective:

Assist New Products Directorate in evaluating new packaging concepts and products, and provide technical packaging support to Manufacturing, Manufacturing Services, Engineering, Purchasing, and Quality Assurance.

Status/Plans:

A. Packaging Studies

° Shelf-Life Study: In progress. The feasibility of using Allied Corp.'s Lifelines System as a tool for predicting menthol delivery is being investigated.

° Fermentation Study: Plan to begin testing in December using standard packages with varying pack seal strengths, LAB boxes, plastic cannisters, plastic FTB's and hermetically sealed packages.

° Players Lts. Menthol: Freshly printed packaging materials being used in production were subjectively evaluated by the Flavor Development Odor Panel and found to have an intense solvent odor. GC headspace analysis showed high volume residual solvent peaks.

° VA Slims Lts. 120 Menthol: Samples with a menthol fragrance added to the box varnish are being evaluated.

B. Storage Studies in Progress

° Players Lts. Menthol 85 & 100. Complete 12/86.

° Concord 85 Menthol. Complete 12/19/85.

° Mentholated Foam Binder. Complete 4/86.

C. Storage Studies Completed

° Concord 85 Regular

° B&H Deluxe Lts. Regular

° Marlboro Standardization Run 2

° B&H Deluxe Lts. Menthol

D. Pending

° Evaluation of Alcan gold foil with water base ink. Begin week of 12/9.

° Cambridge Lts. Storage Study. Begin week of 12/9.

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